

**ABCG5 AND ABCG8: COMPOSITIONS AND METHODS OF USE**

**ABSTRACT OF THE DISCLOSURE**

The present invention provides nucleic acids encoding a novel ABC family cholesterol transporter, ABCG8. The herein-disclosed sequences can be used for any of a number of purposes, including for the diagnosis and treatment of cholesterol-associated disorders, including sitosterolemia, and for the identification of molecules that associate with and/or modulate the activity of ABCG8.

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